

## ABSTRACT OF THE DISCLOSURE

Process for configuring an xDSL-type symmetric modem, comprising the following: detecting a predetermined criterion corresponding to an asymmetric operating mode, in particular an ADSL-type; and in response to said detection, disabling a number of carriers in order to establish an asymmetric operating mode. More specifically, the modem is VDSL-type, operating with up to 4096 carriers and being reconfigurable in ADSL mode with a number of carriers reduced to 256. In one case, said criterion is the detection of signals as defined in recommendation G.994.1 of the International Telecommunications Union of (ITU). Alternatively, mode switching could be controlled based on measurement of the size of the line.

852263.412 / 470252\_1.DOC